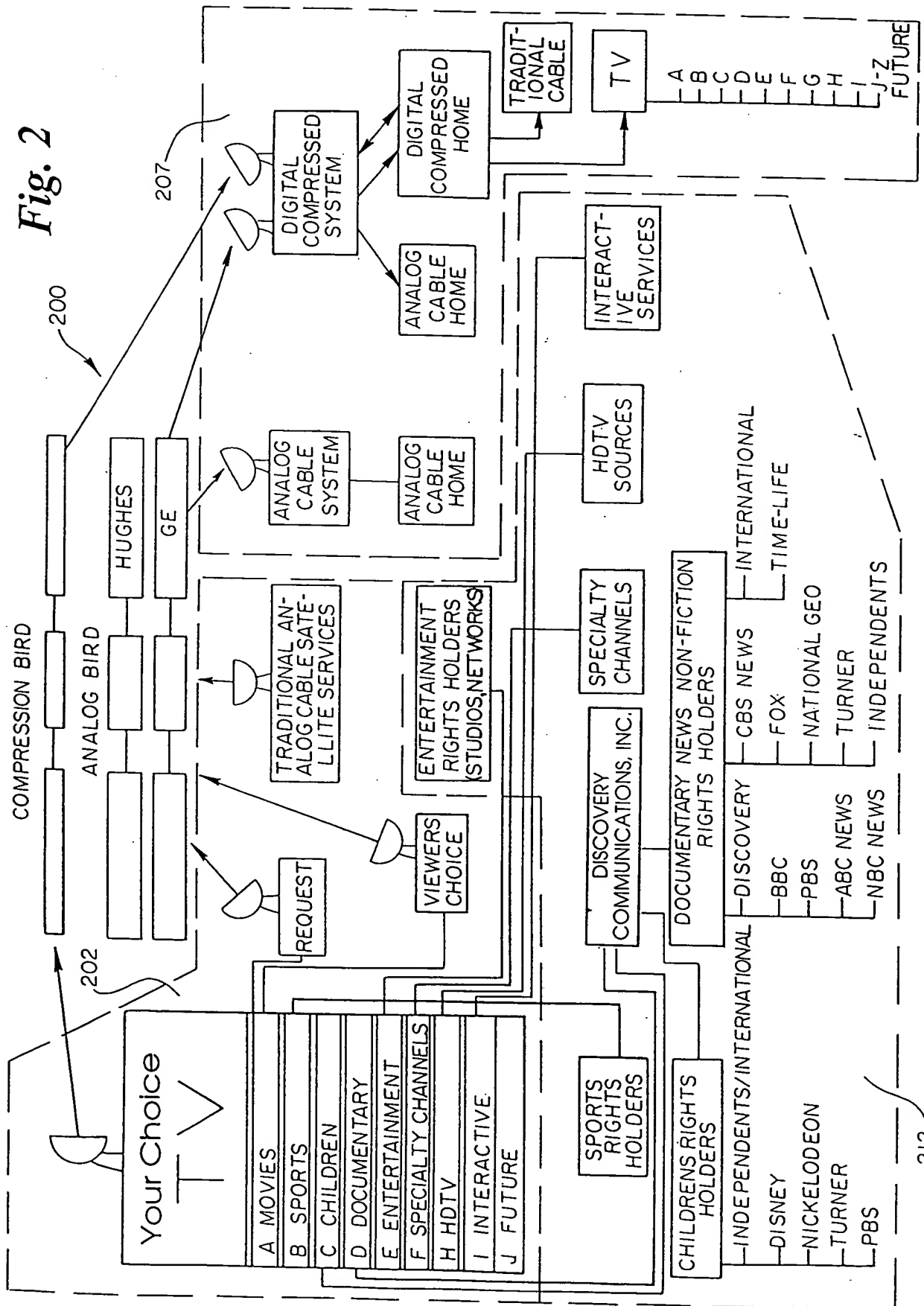


Fig. 1

Fig. 2



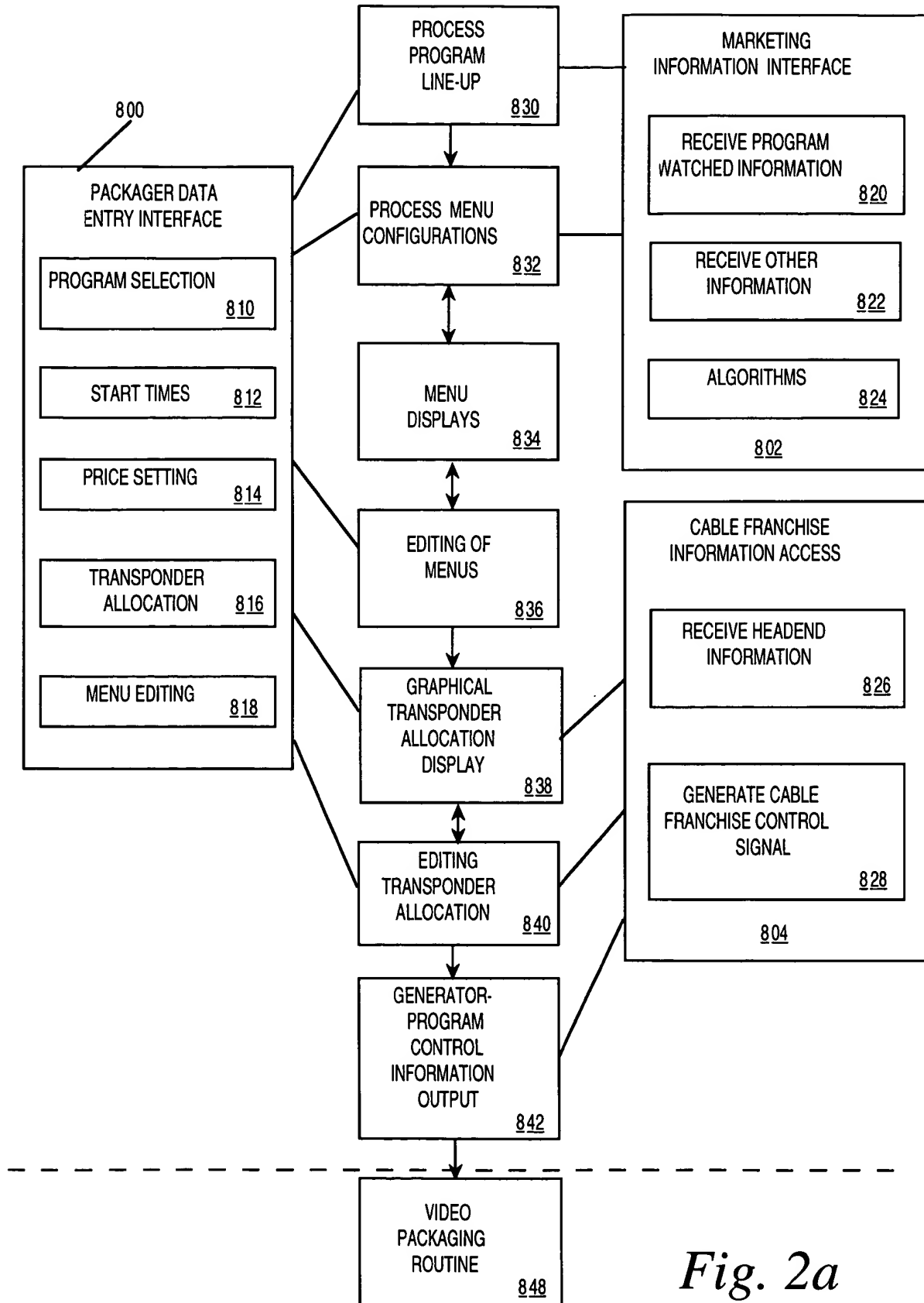


Fig. 2a

Fig. 2b

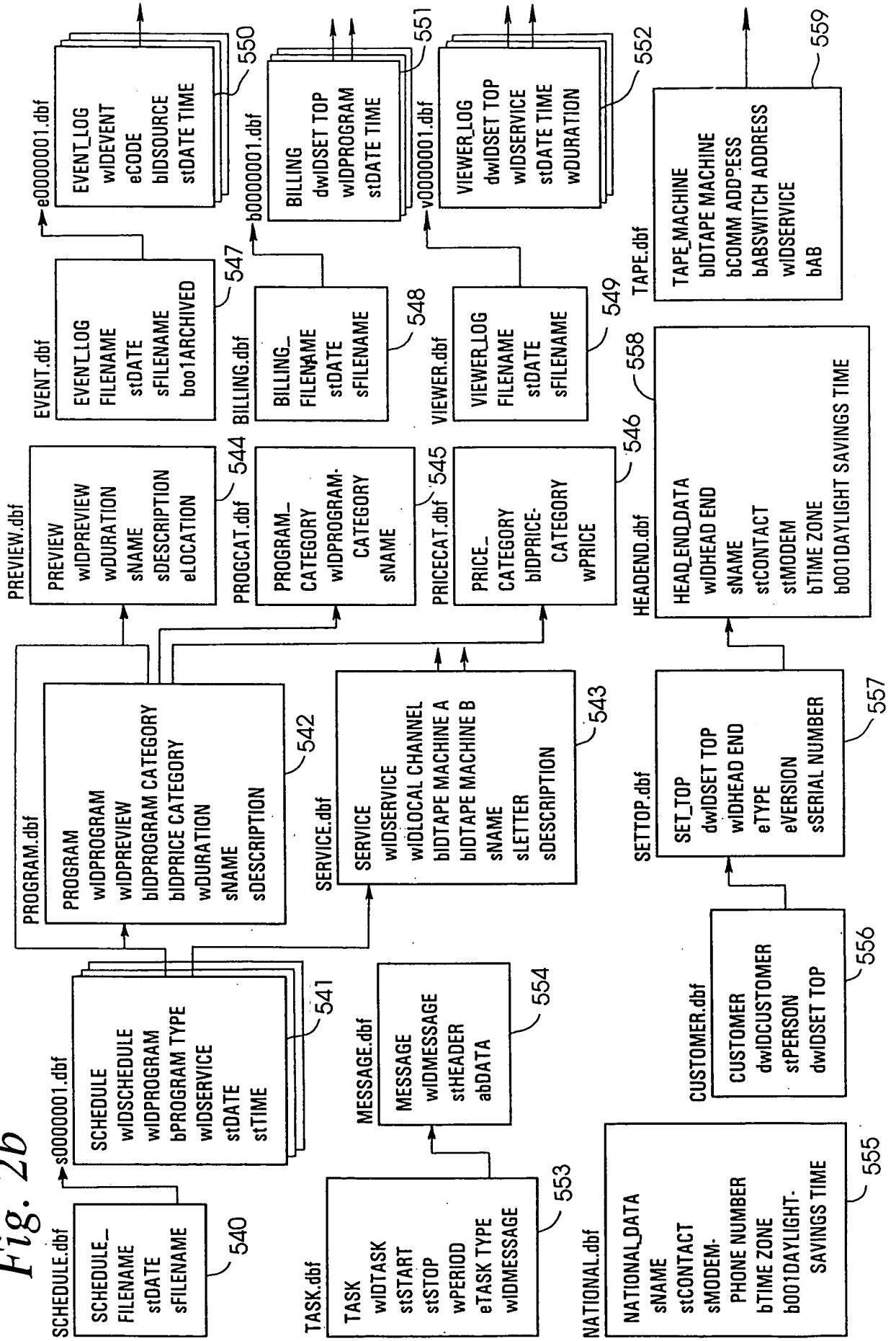
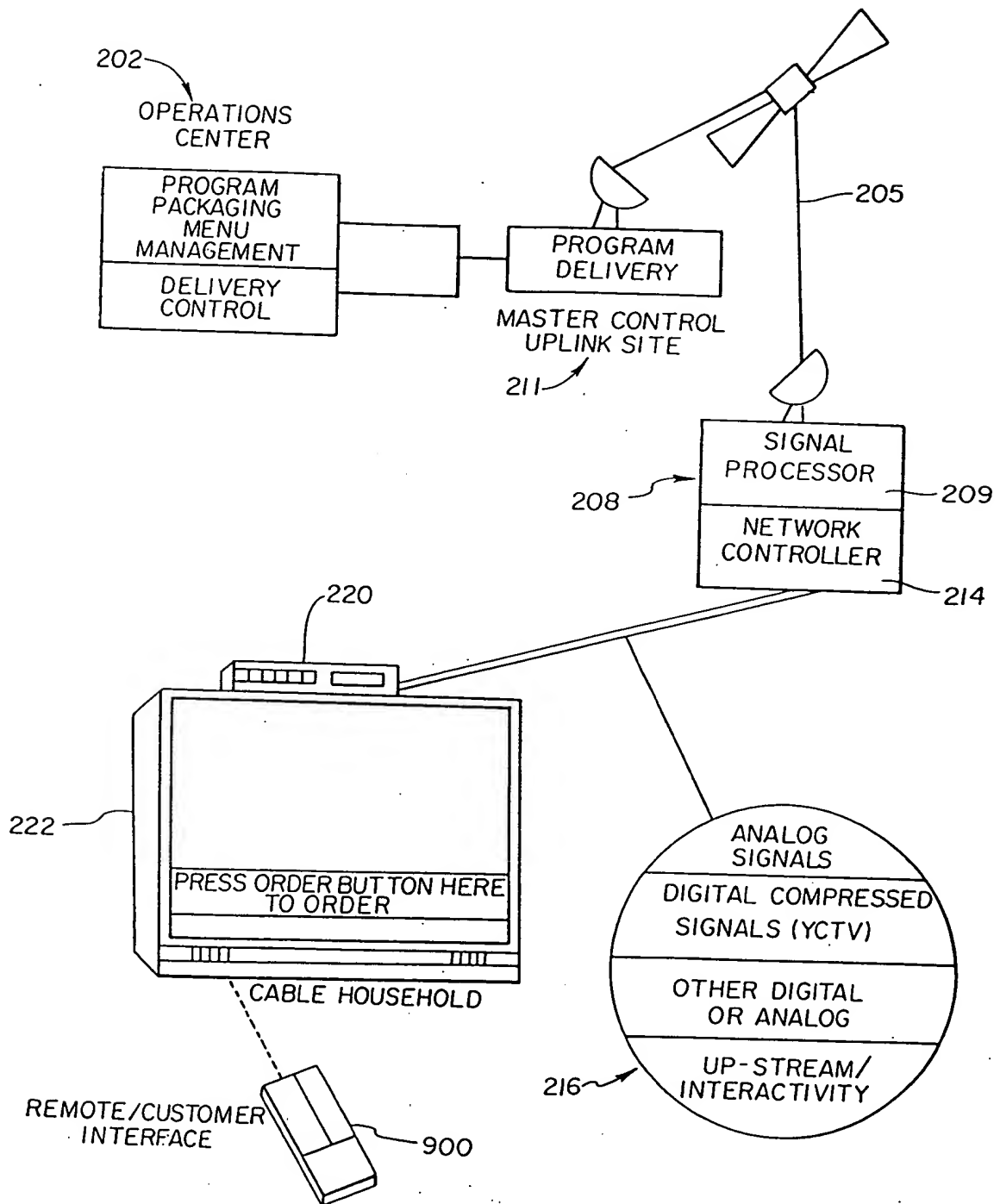


Fig. 3



866220" E4042T60

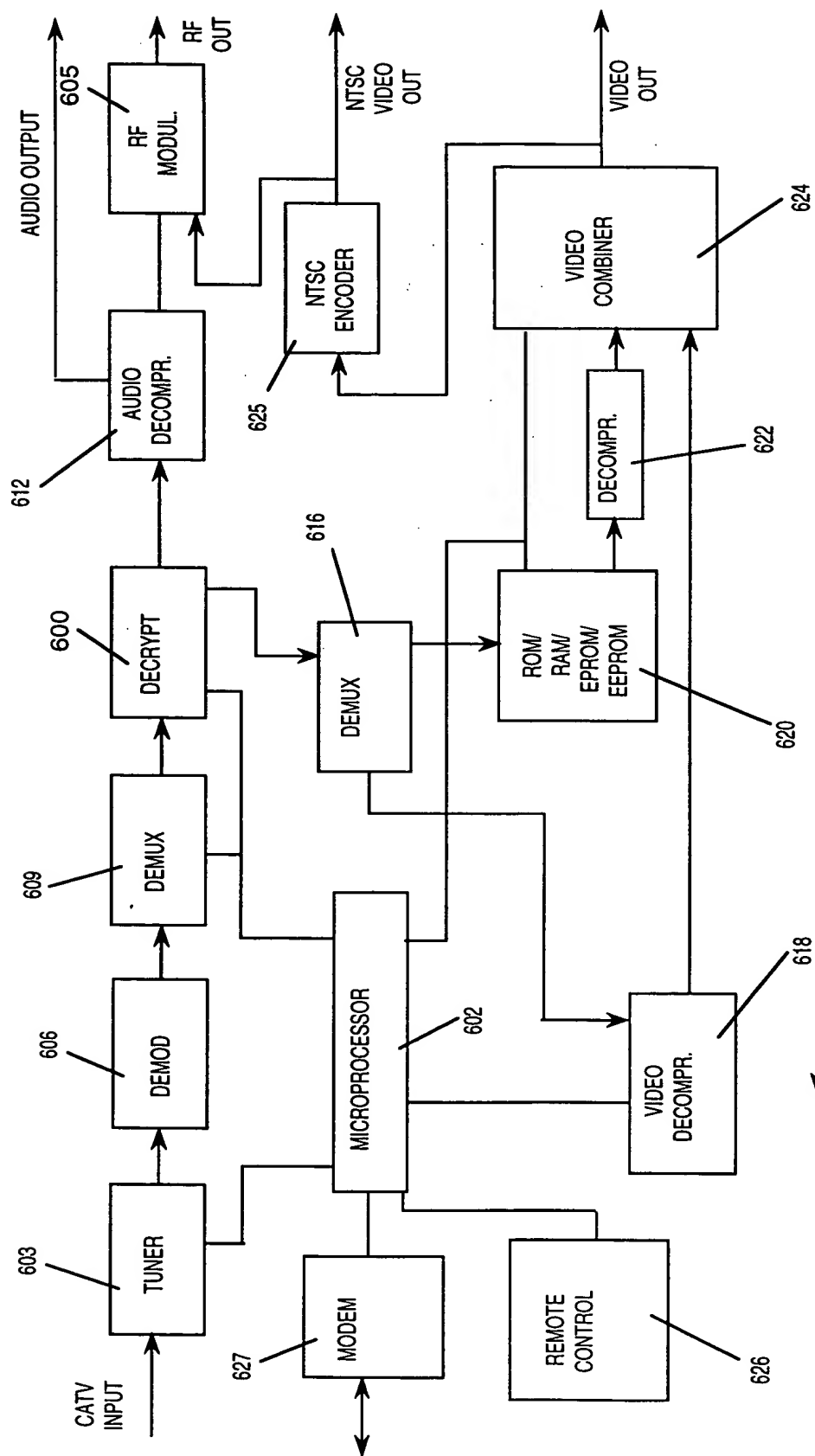


Fig. 4

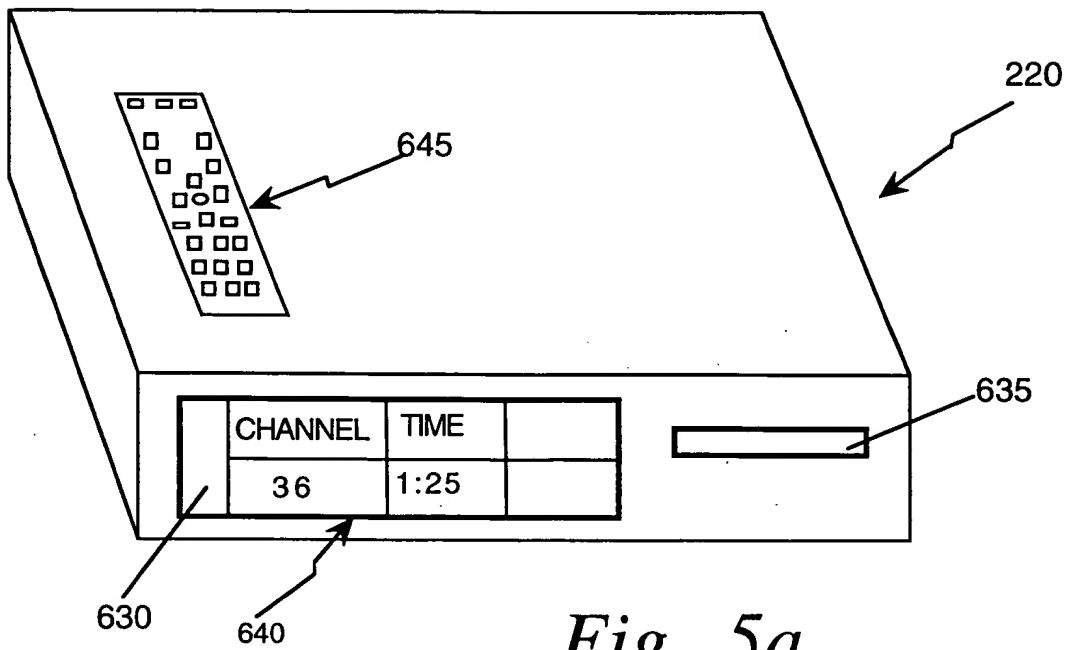


Fig. 5a

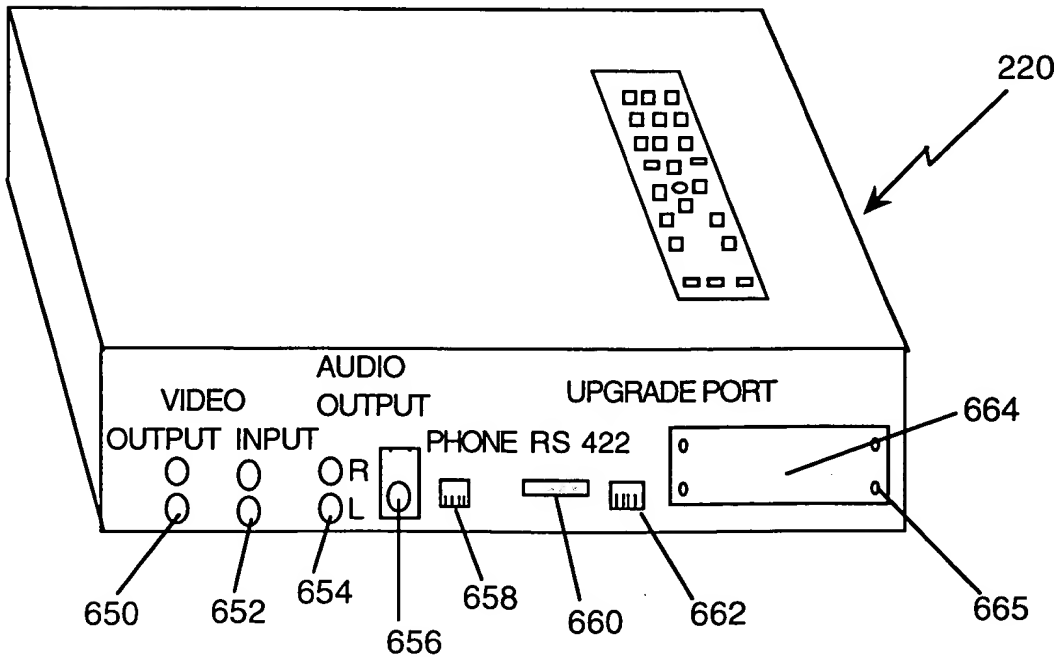


Fig. 5b

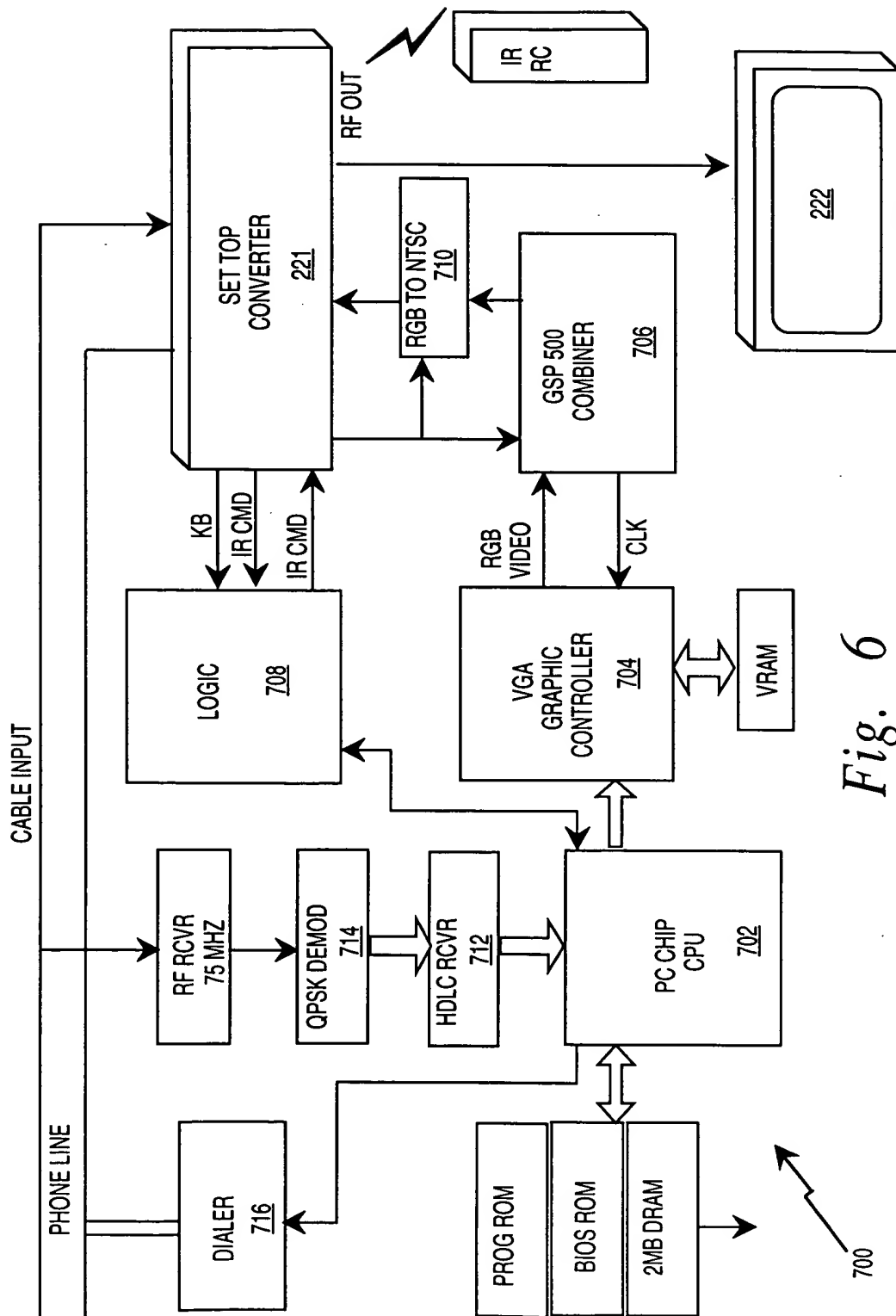
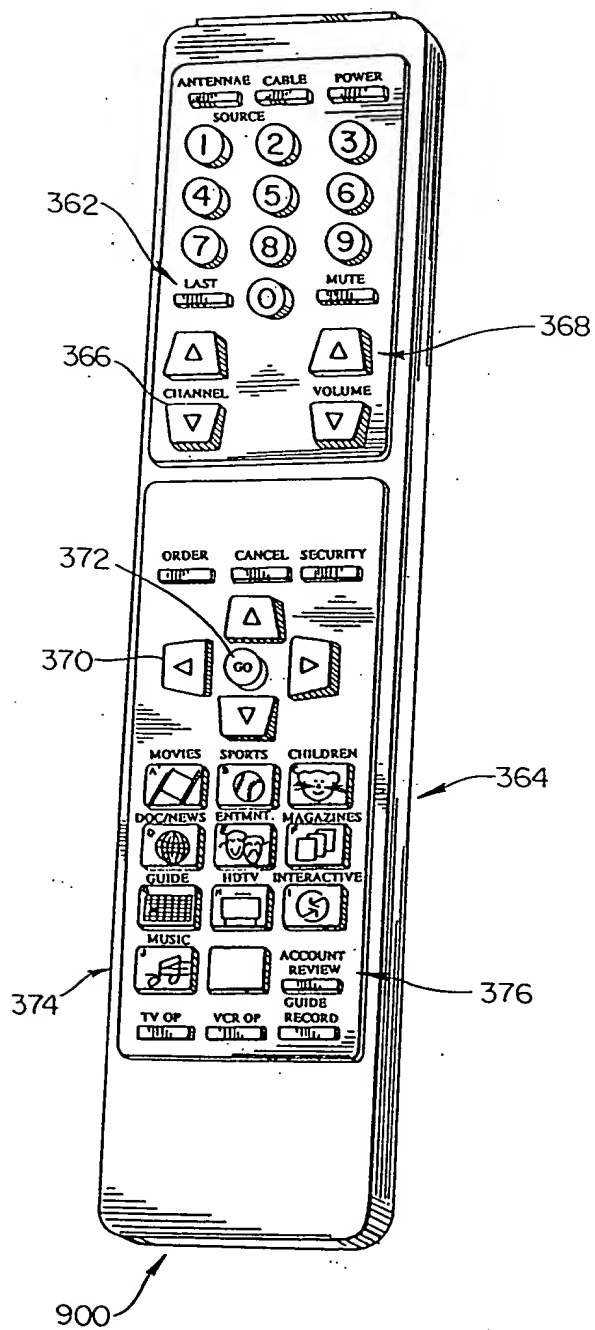


Fig. 6

Fig. 7



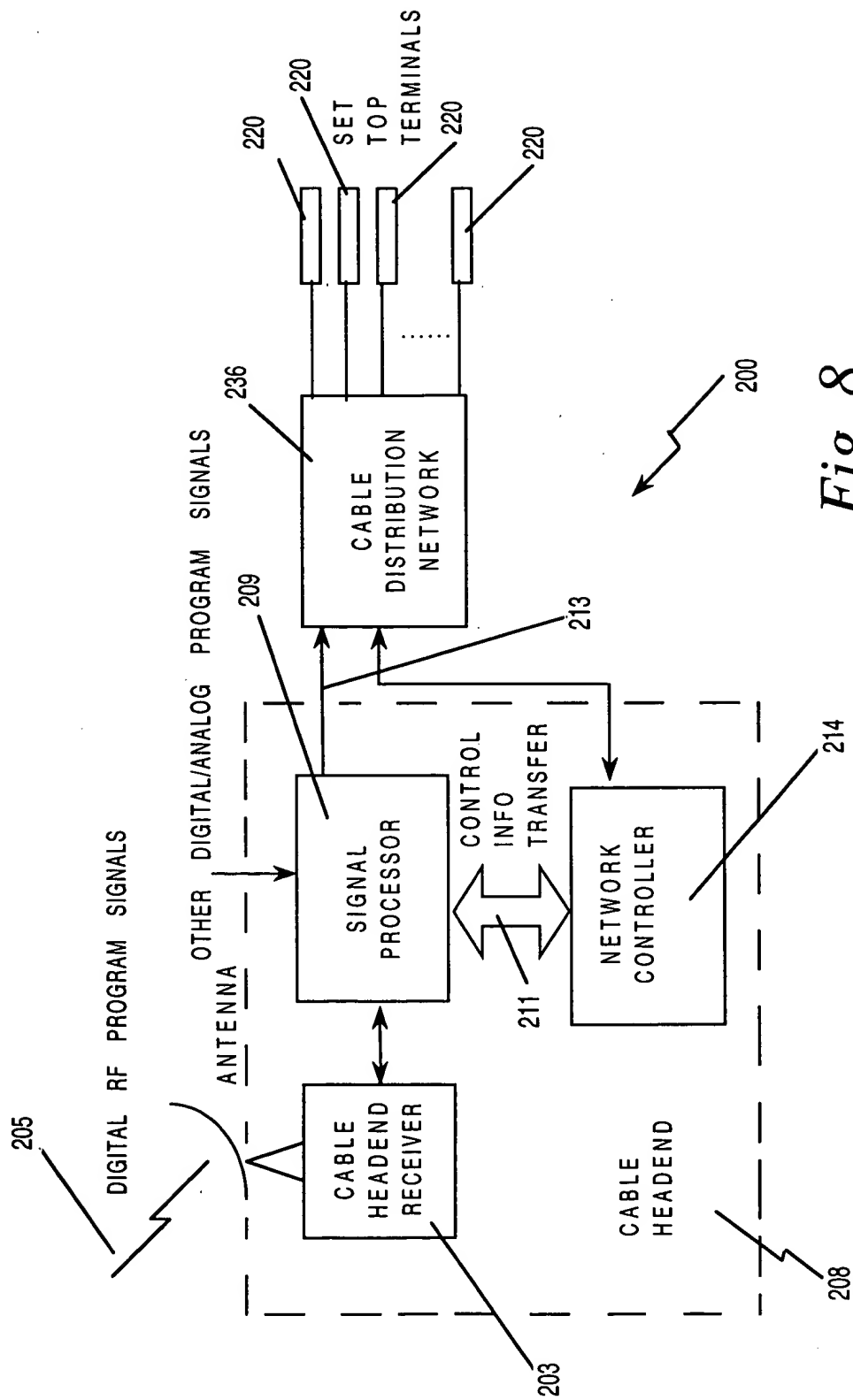
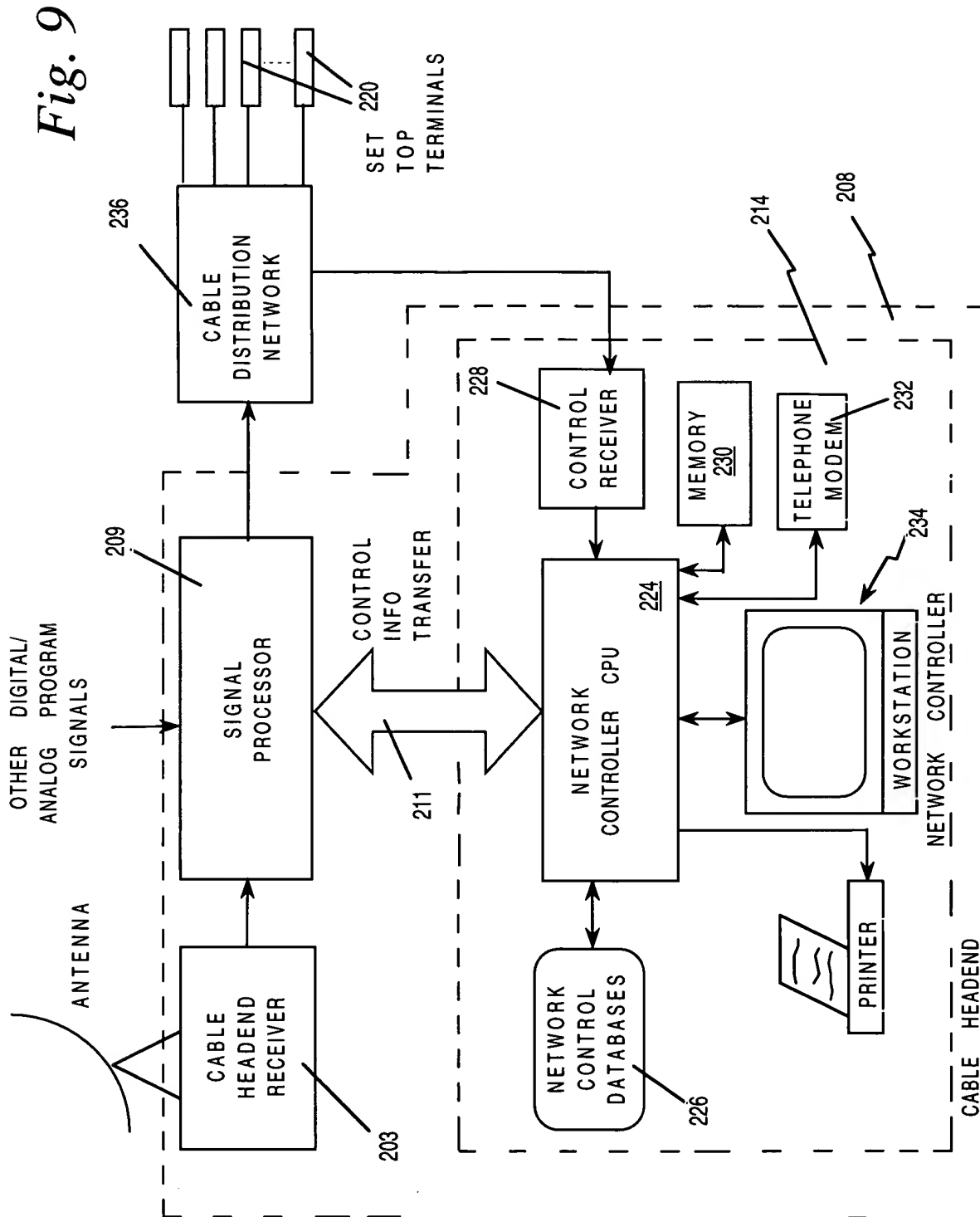


Fig. 8



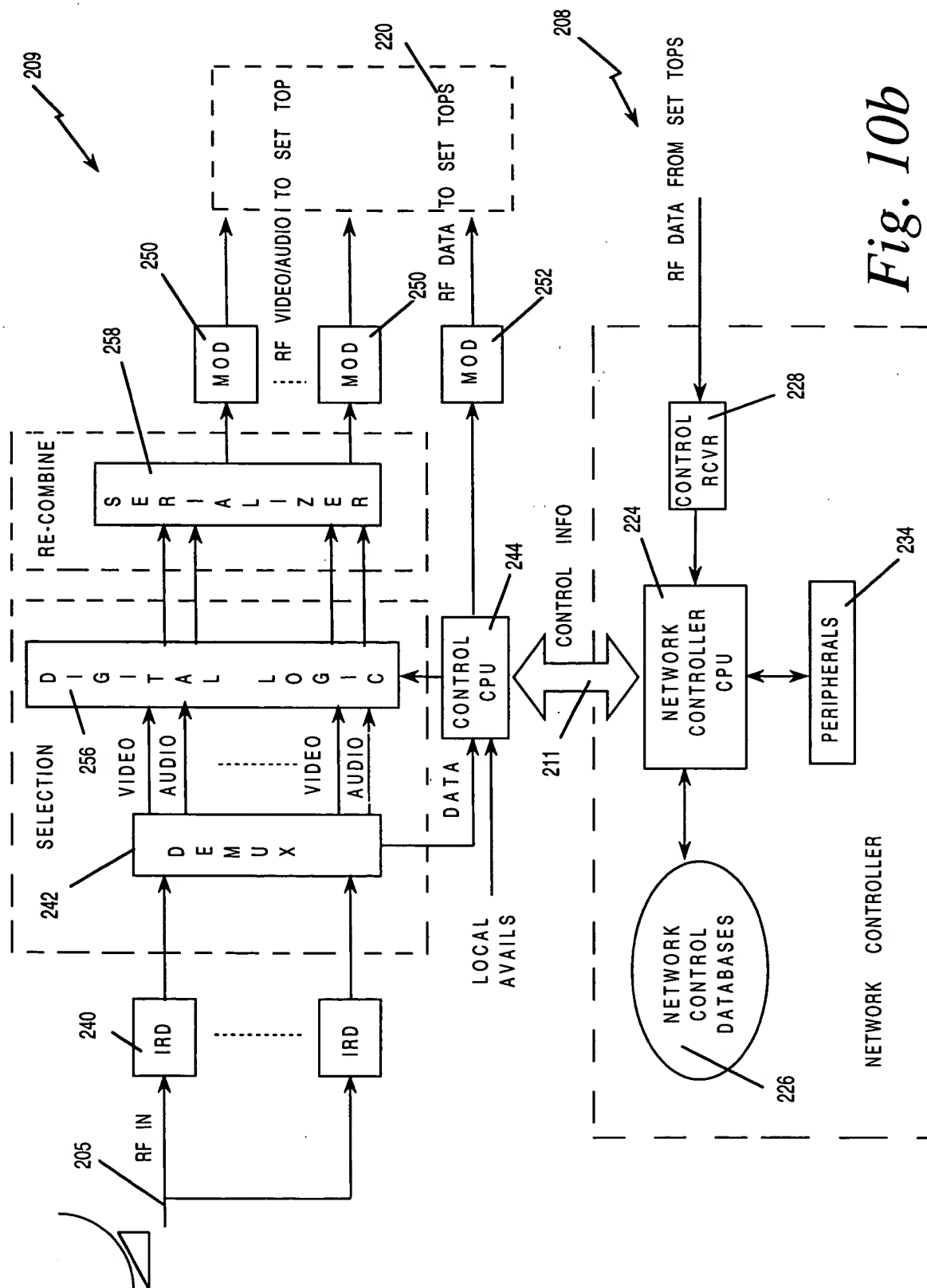


Fig. 10b

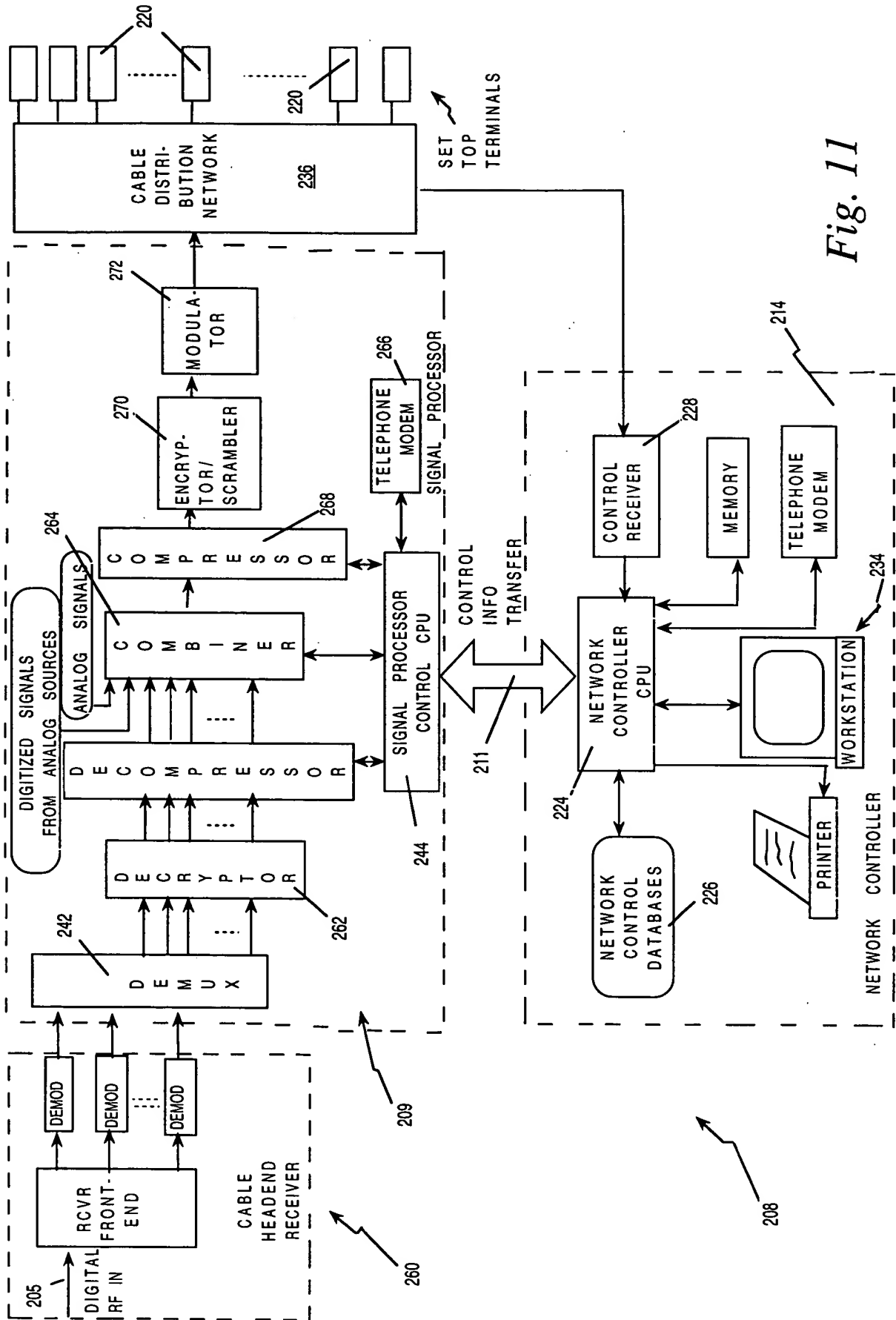


Fig. 11

Fig. 12

The diagram illustrates a headend system (208) for a cable distribution network. The system is enclosed in a dashed box labeled HEADEND (208). It includes the following components and connections:

- Inputs:** Telephone Line (245) and Upstream Data From Subscribers (247) feed into the system.
- Signal Reception (233):** Receives signals from the Telephone Line (245), Upstream Data (247), and Local Feeds.
- Network Management CPU (260):** Connected to Signal Reception (233), Work Station (234), Databases (262), Instruction Memory (263), and Control Software (261).
- Work Station (234):** Connected to the Network Management CPU (260).
- Databases (262):** Connected to the Network Management CPU (260).
- Instruction Memory (263):** Connected to the Network Management CPU (260).
- Control Software (261):** Connected to the Network Management CPU (260).
- File Server (215):** Connected to the Network Management CPU (260) and MPEG Decoders (251).
- MPEG Decoders (251):** Connected to the File Server (215) and Channel Modulators (238).
- Channel Modulators (238):** Output Cable Distribution To Subscribers.

Fig. 13a

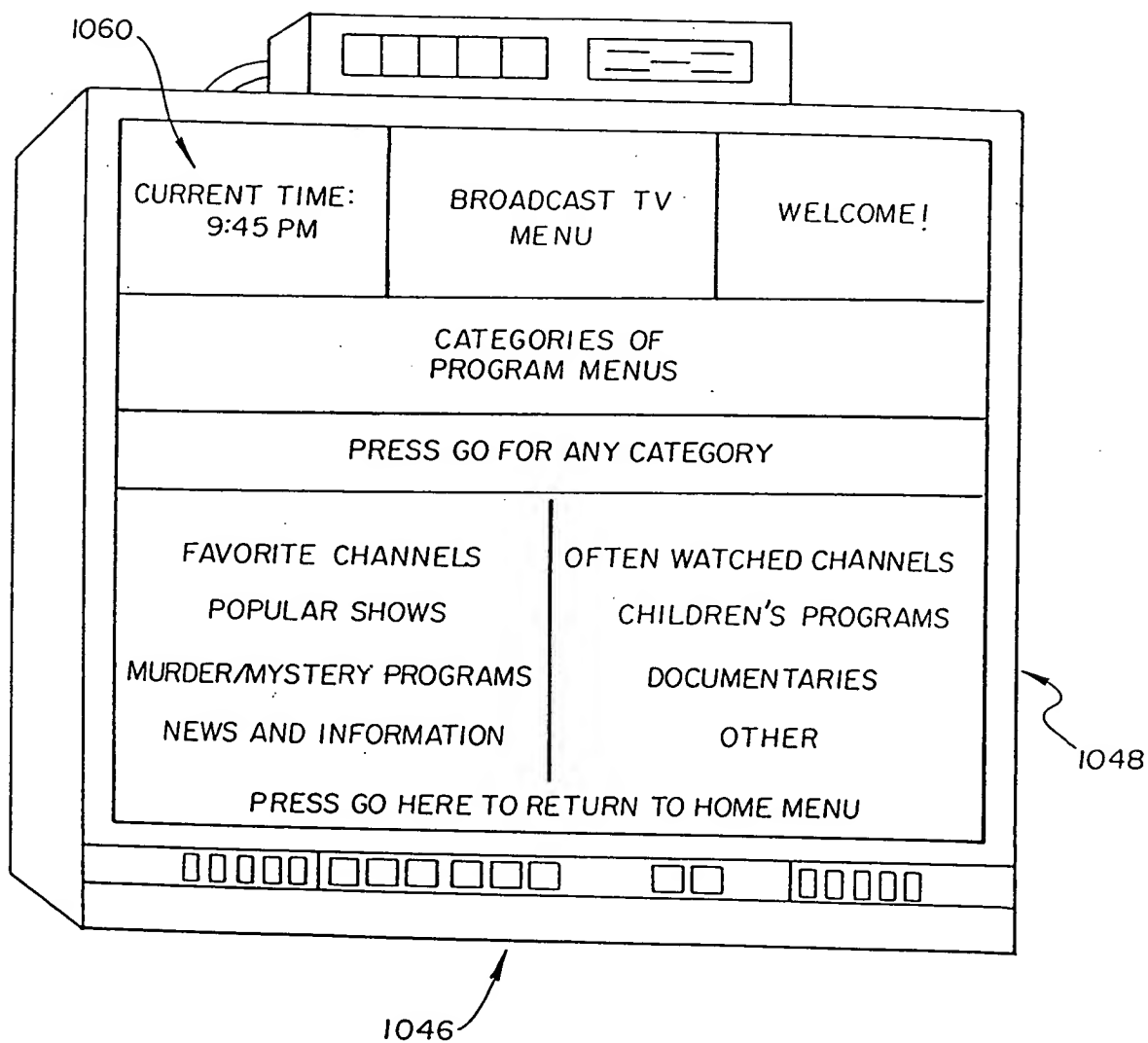


Fig. 13b

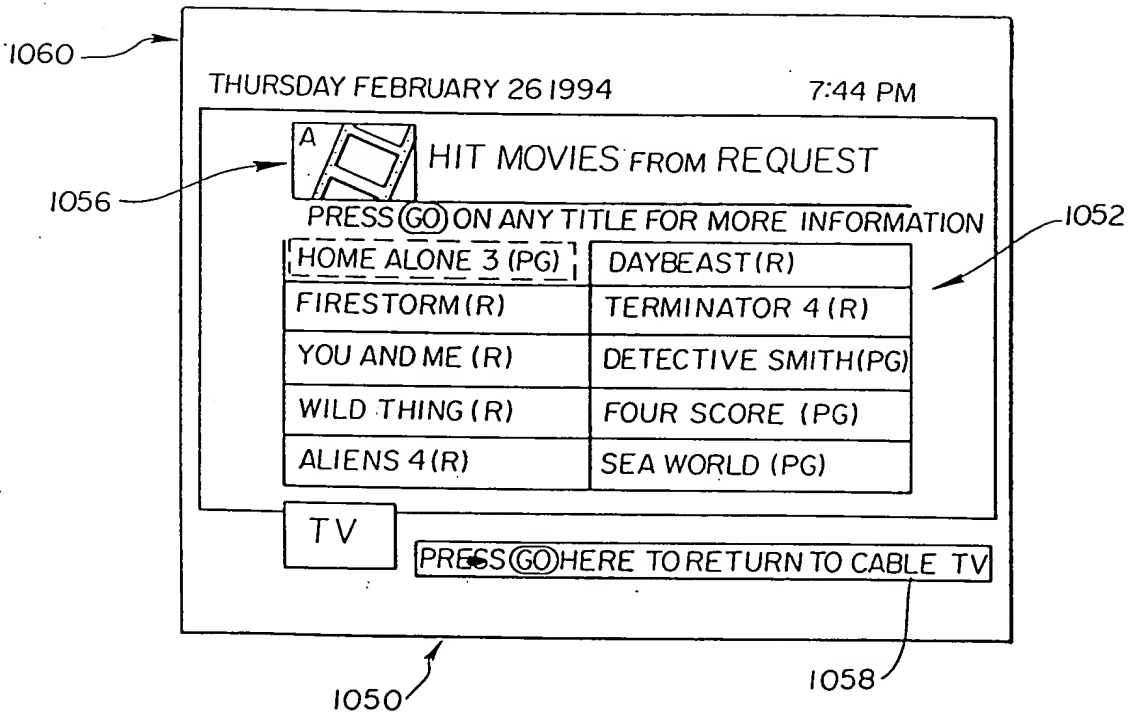
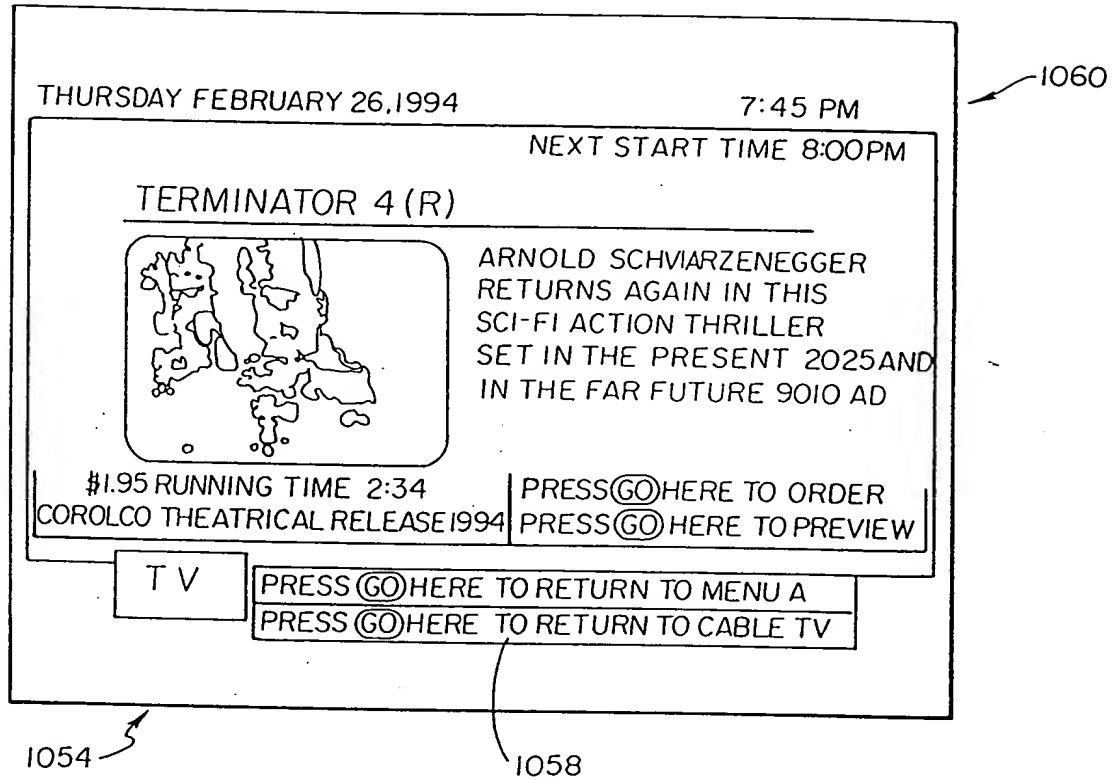


Fig. 13c



866240" E-1042760

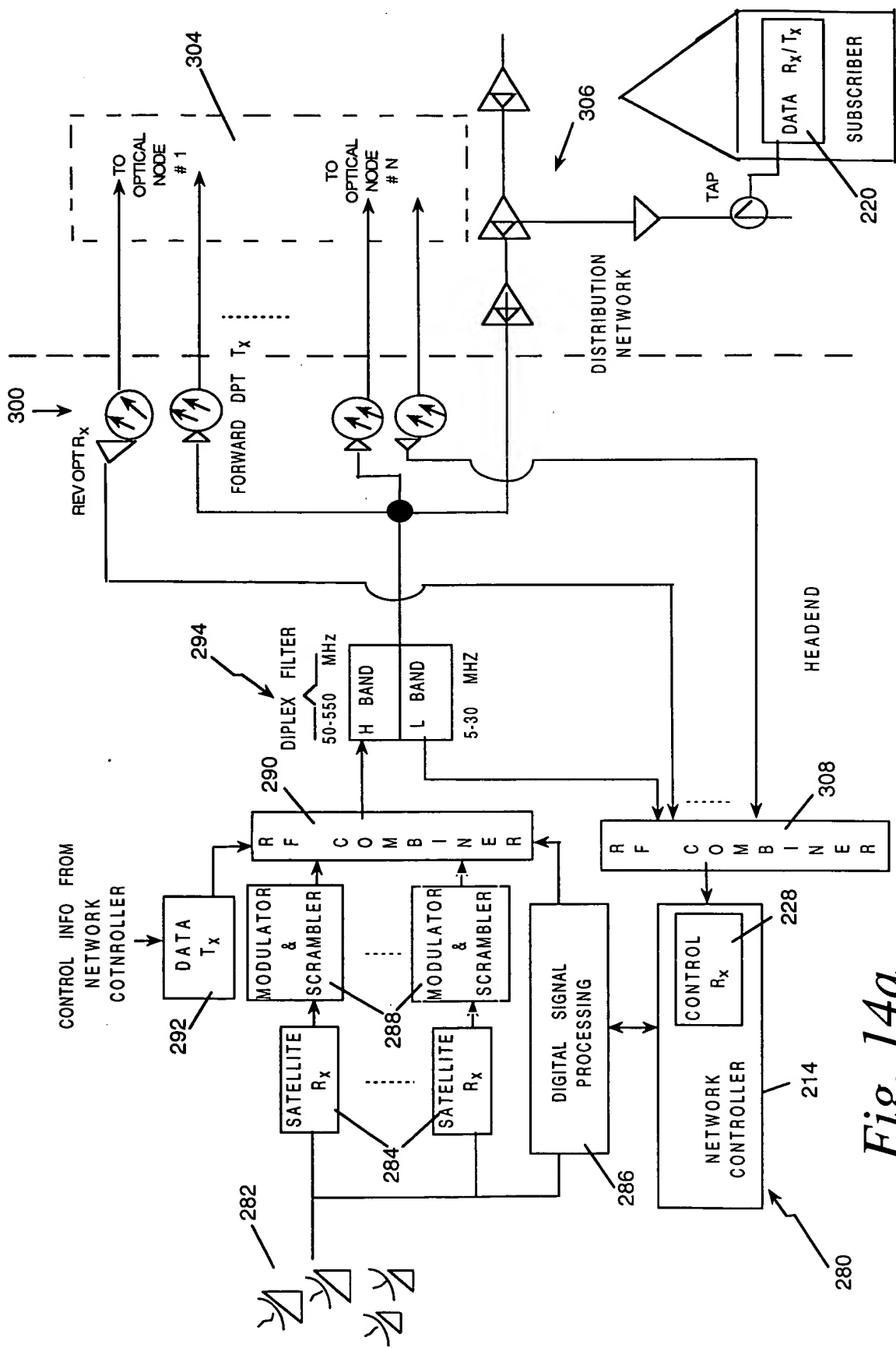


Fig. 14a

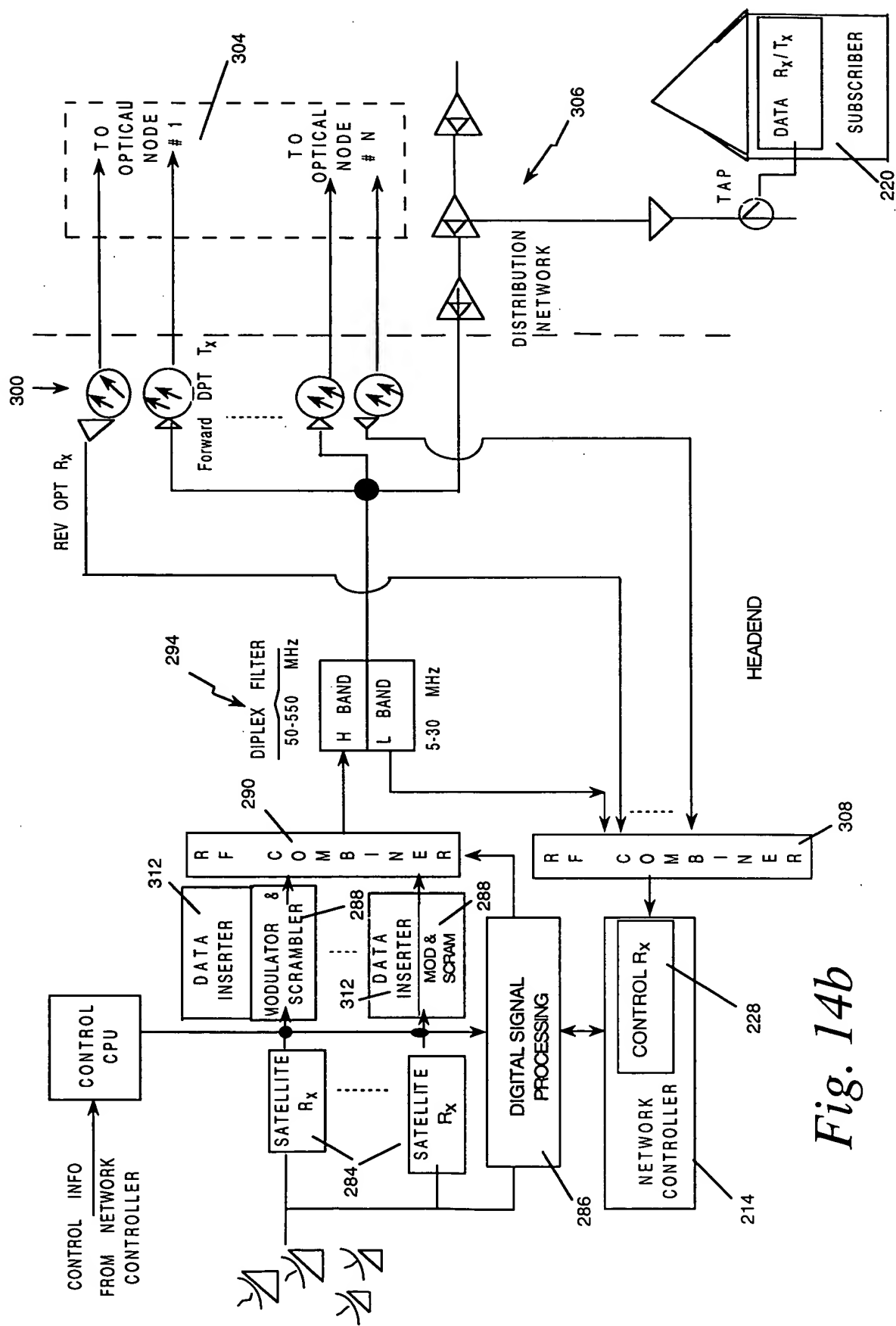


Fig. 14b

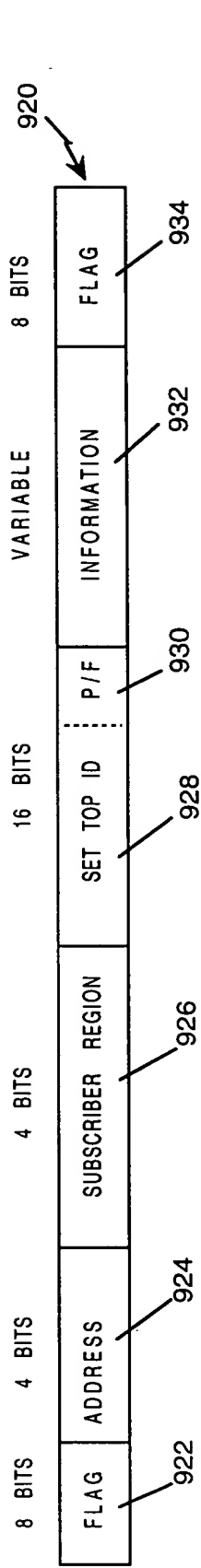


Fig. 15a

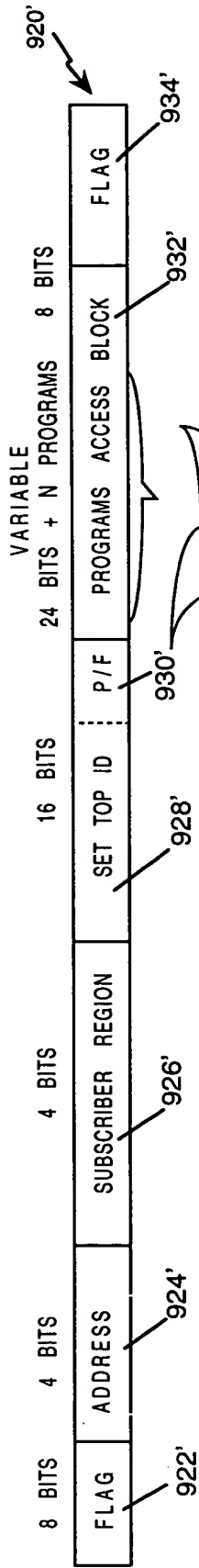
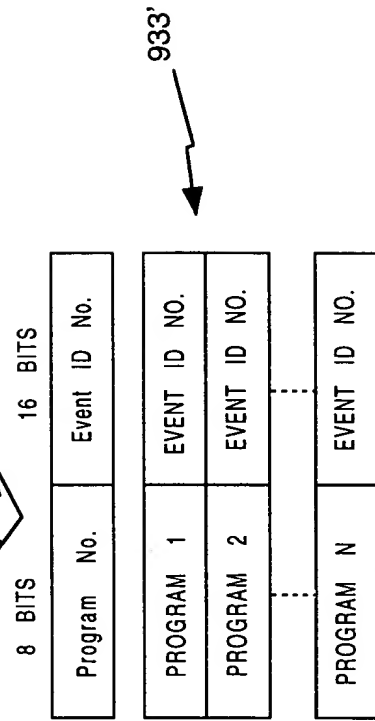


Fig. 15b



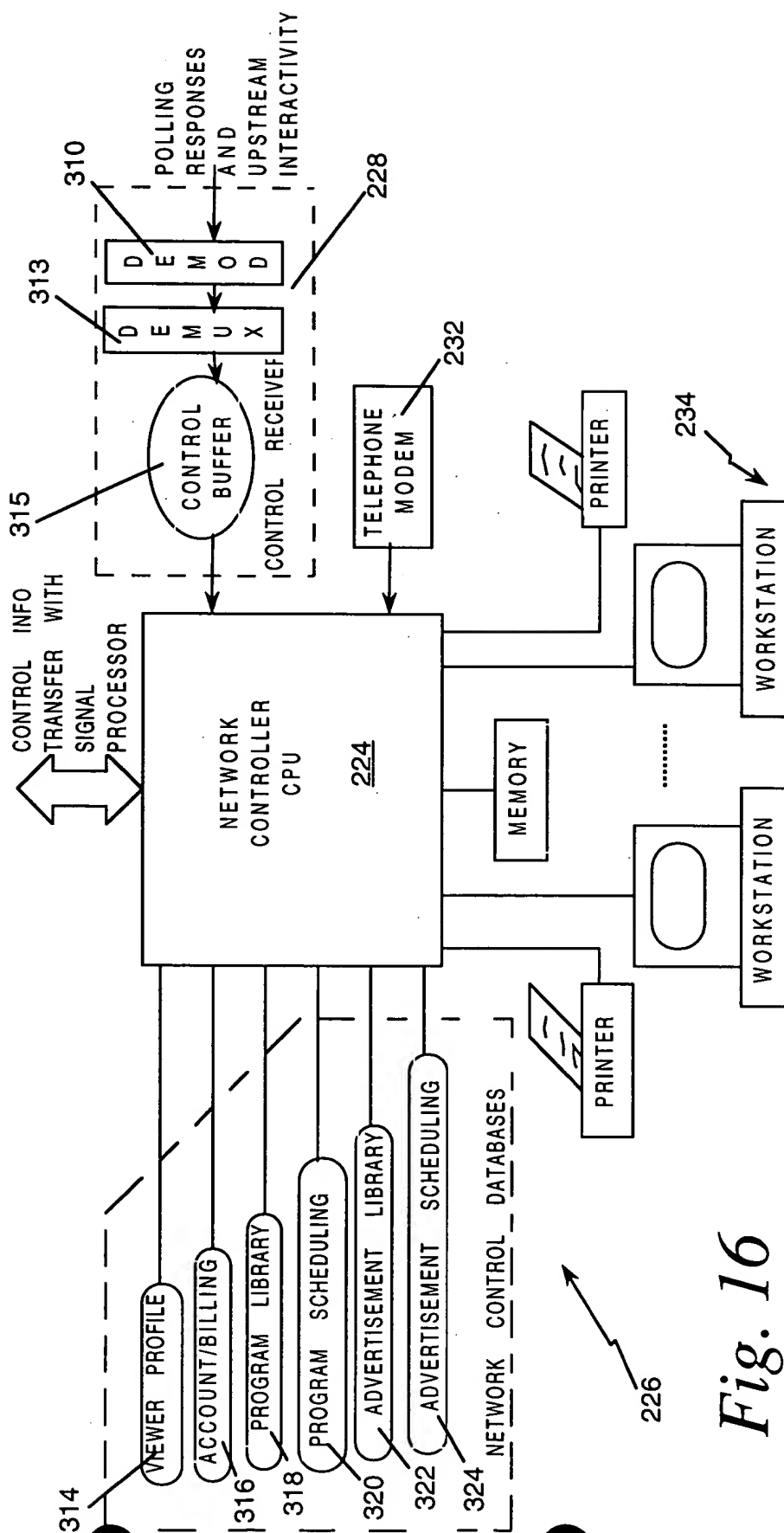
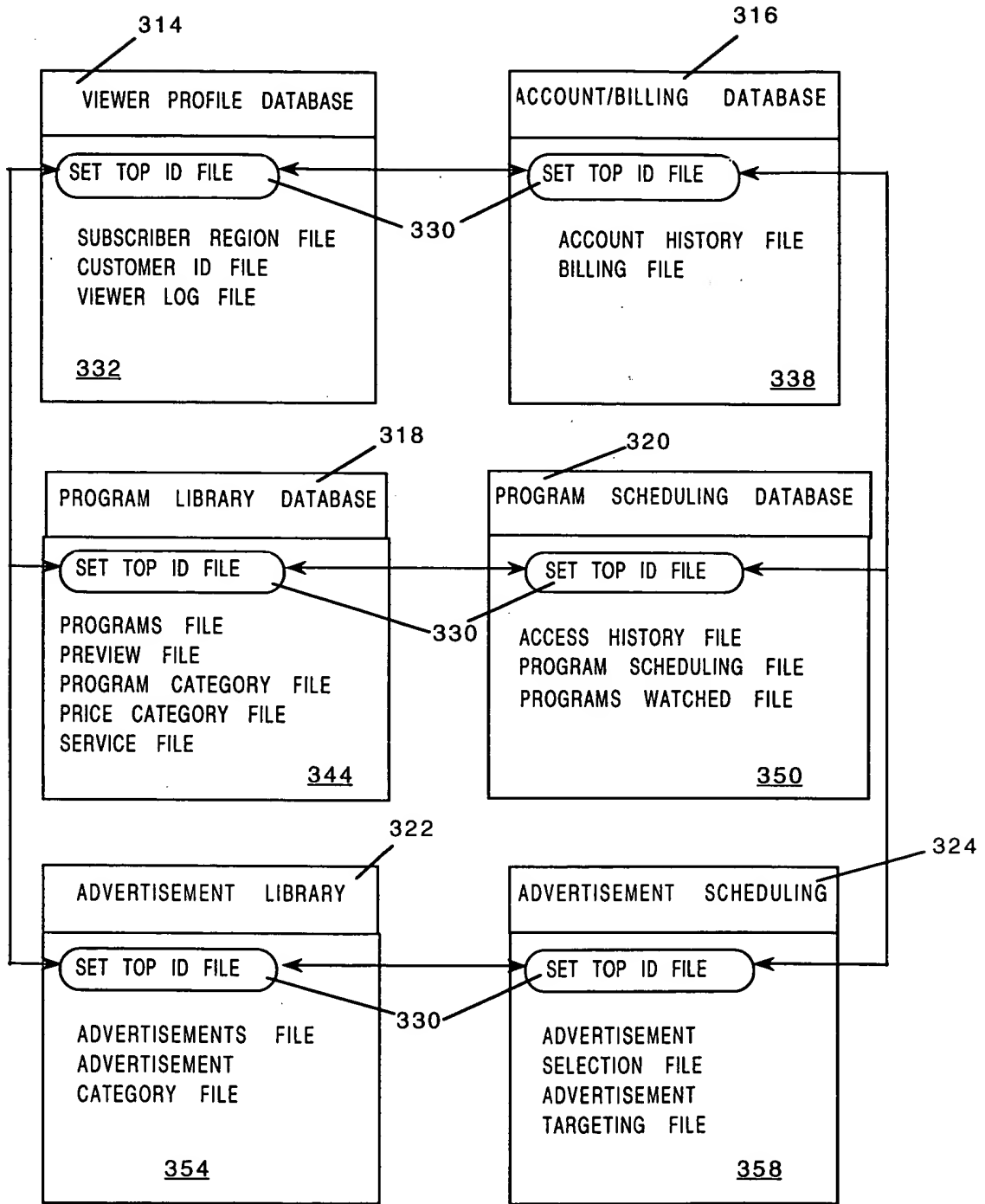


Fig. 16



226

Fig. 17

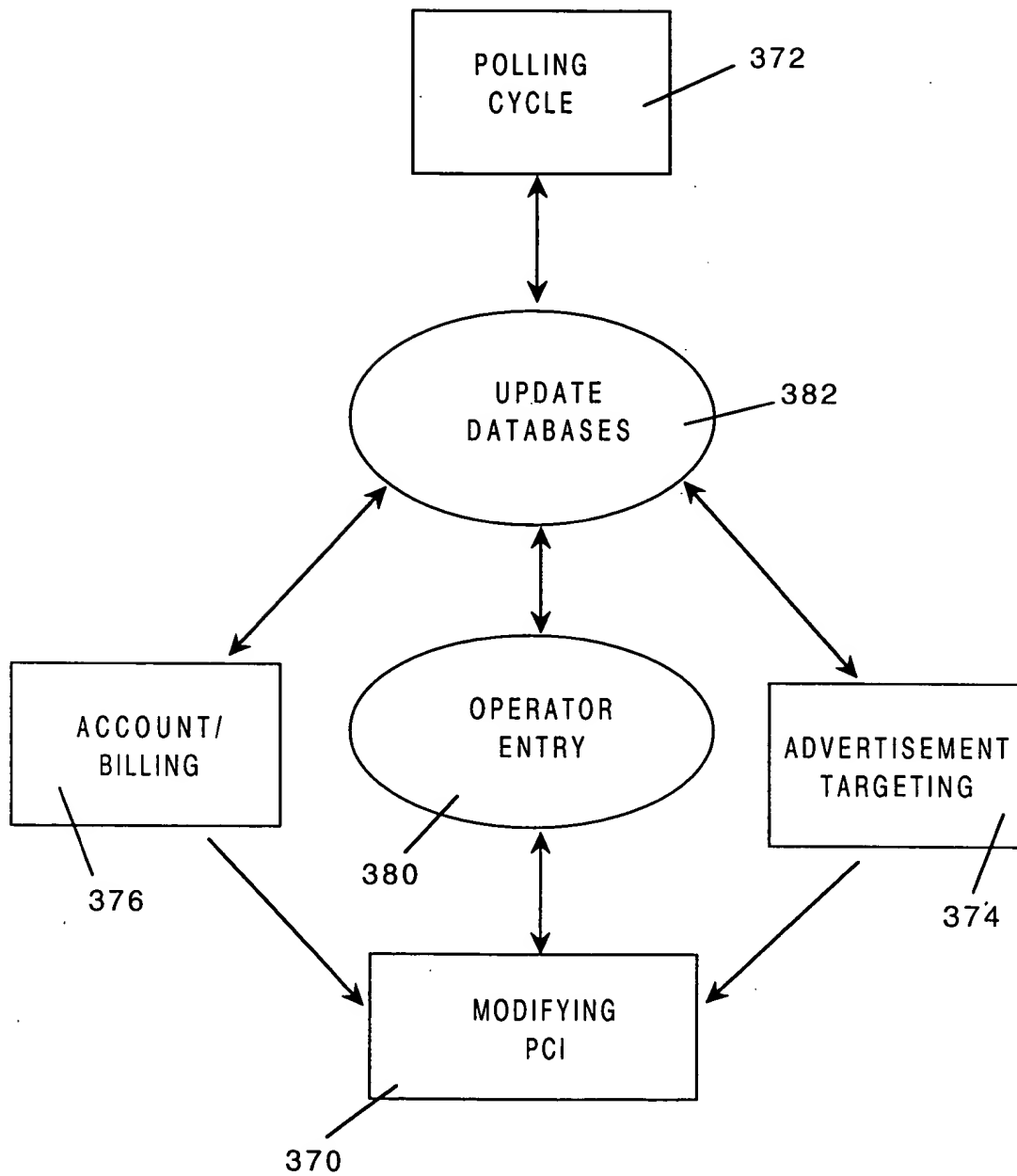


Fig. 18

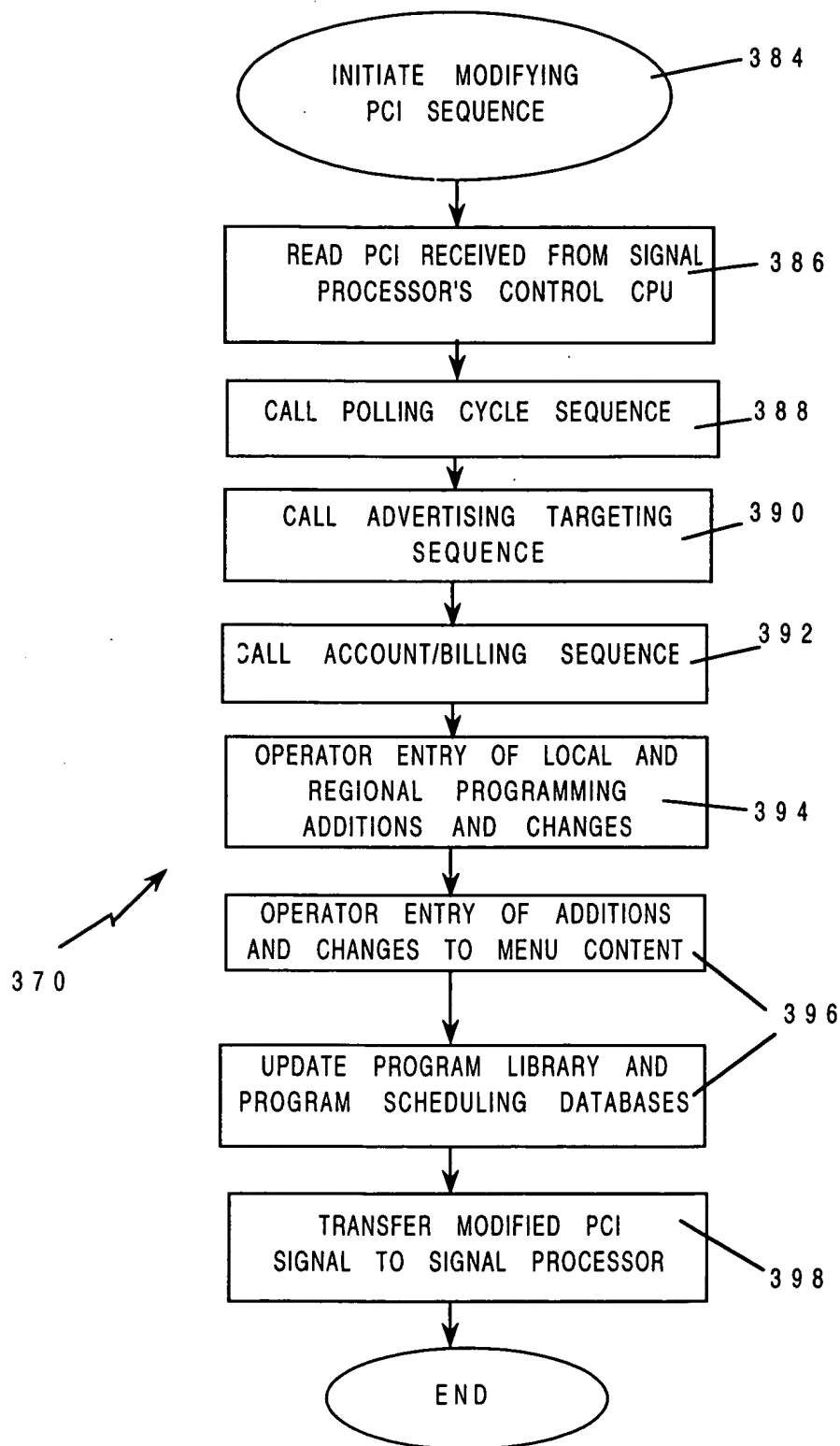


Fig. 19

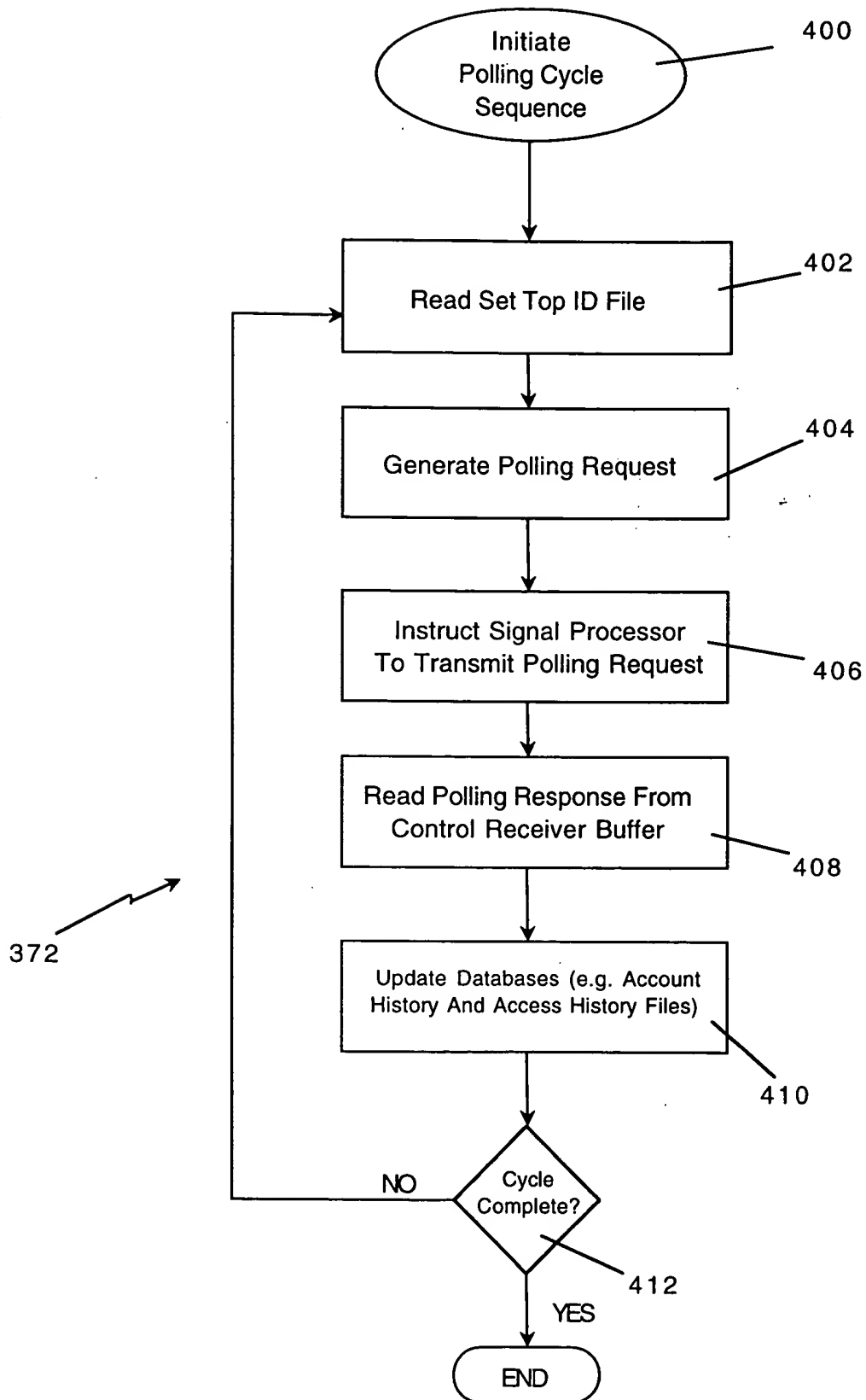


Fig. 20

TIME SLOT	SPORTS	NEWS	MOVIES	CHILDREN	ENTERTAINMENT
0000-0400	0	2	2	0	0
0400-0800	0	2	0	3	0
0800-1200	2	0	10	2	6
1200-1600	20	1	3	5	4
1600-2200	8	6	13	0	5
2000-2400	0	10	2	4	2

351

Fig. 21

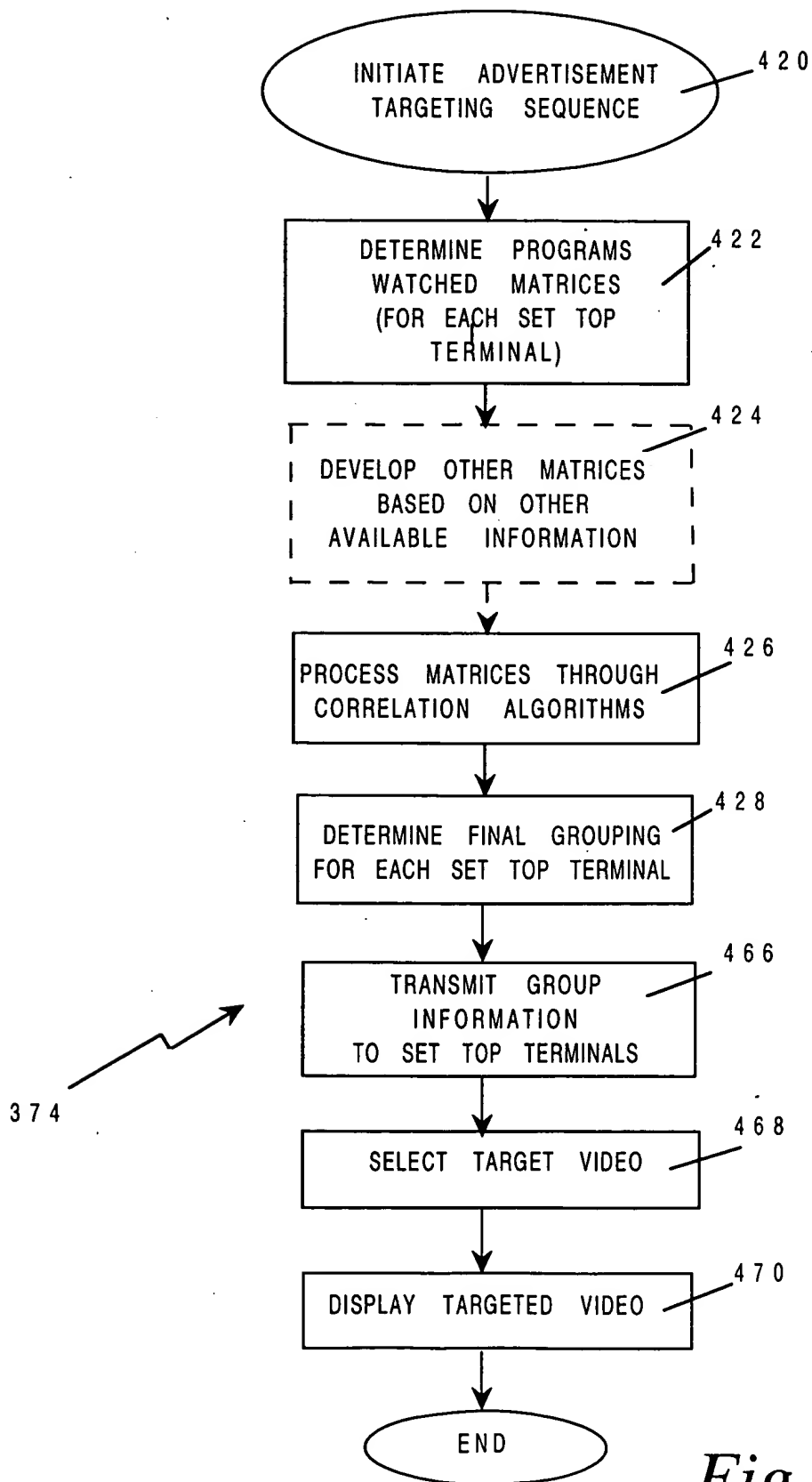


Fig. 22

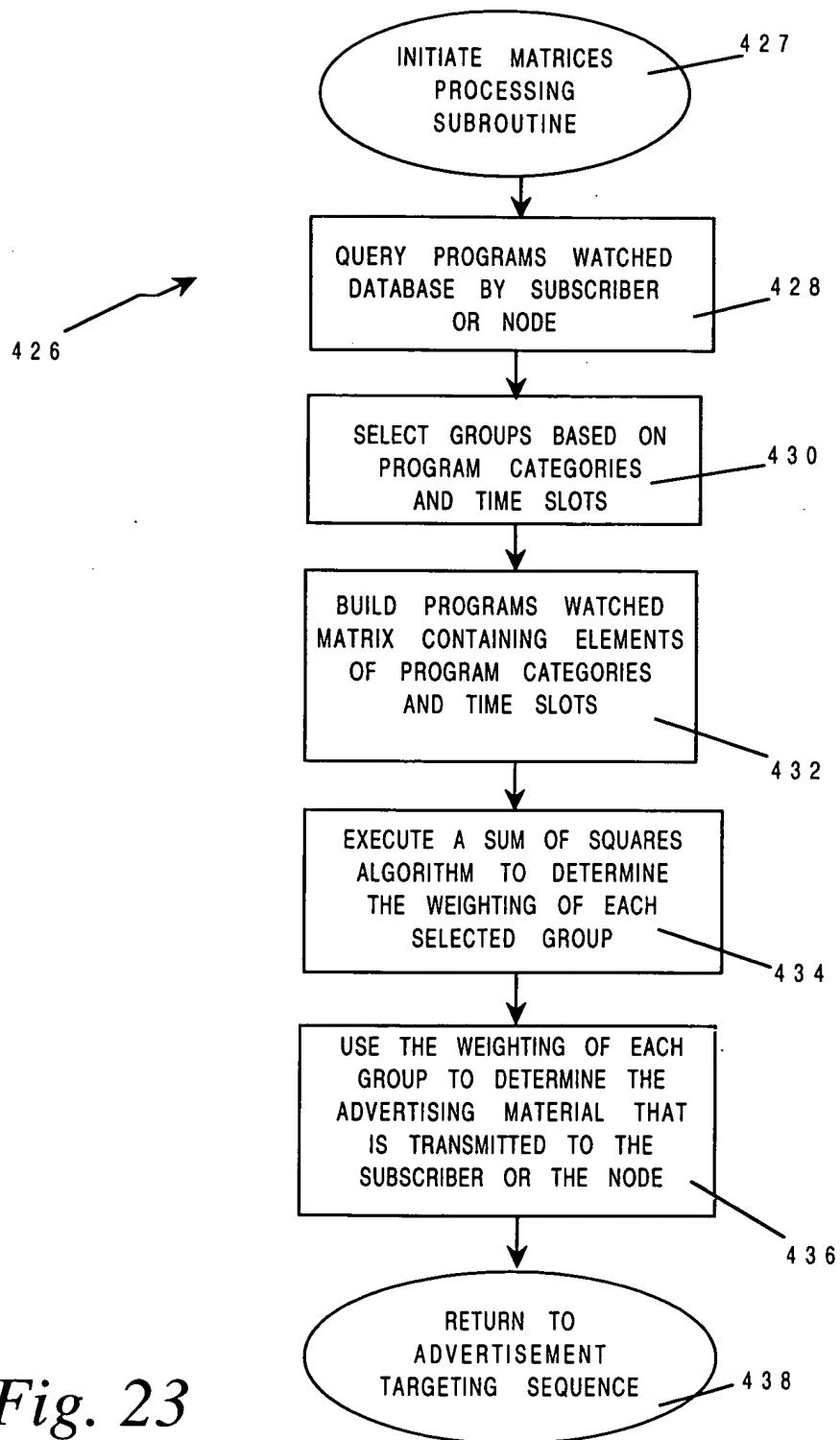


Fig. 23

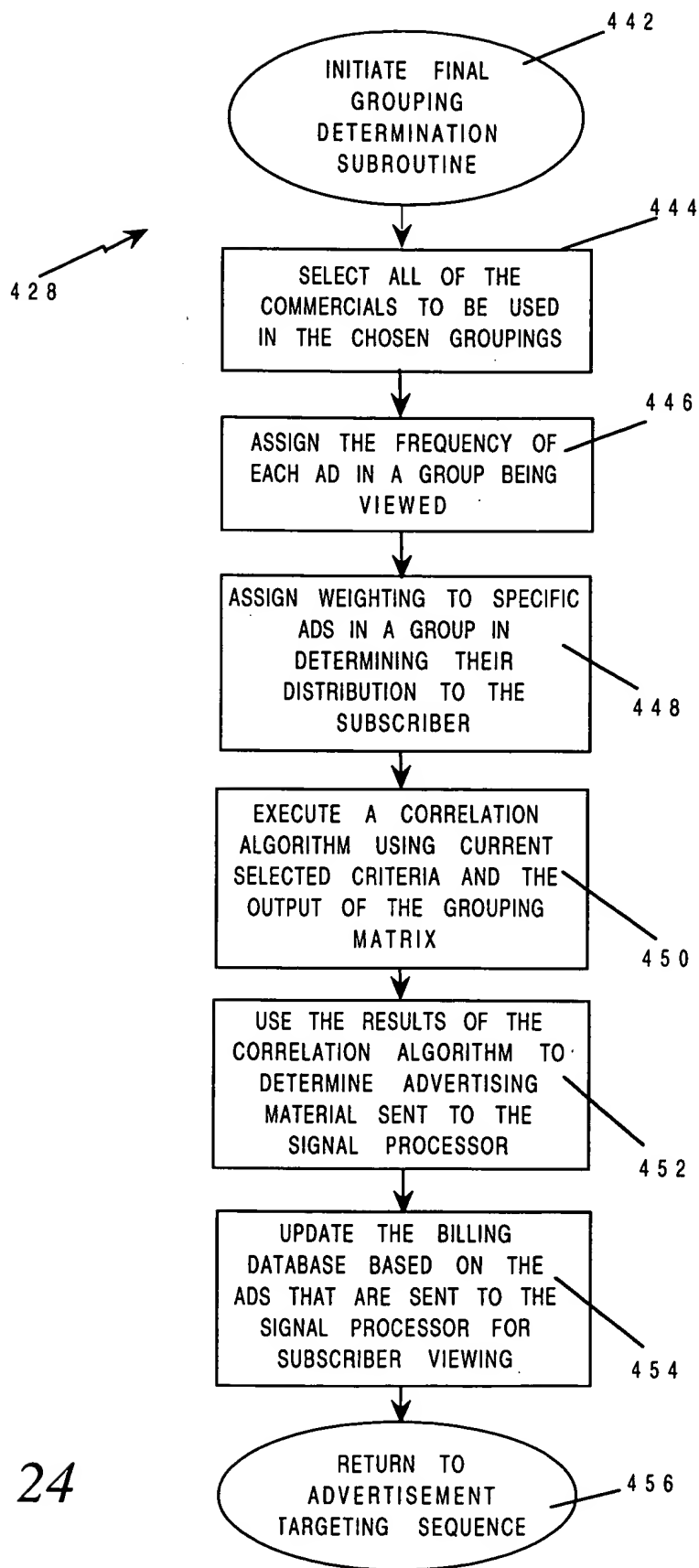


Fig. 24

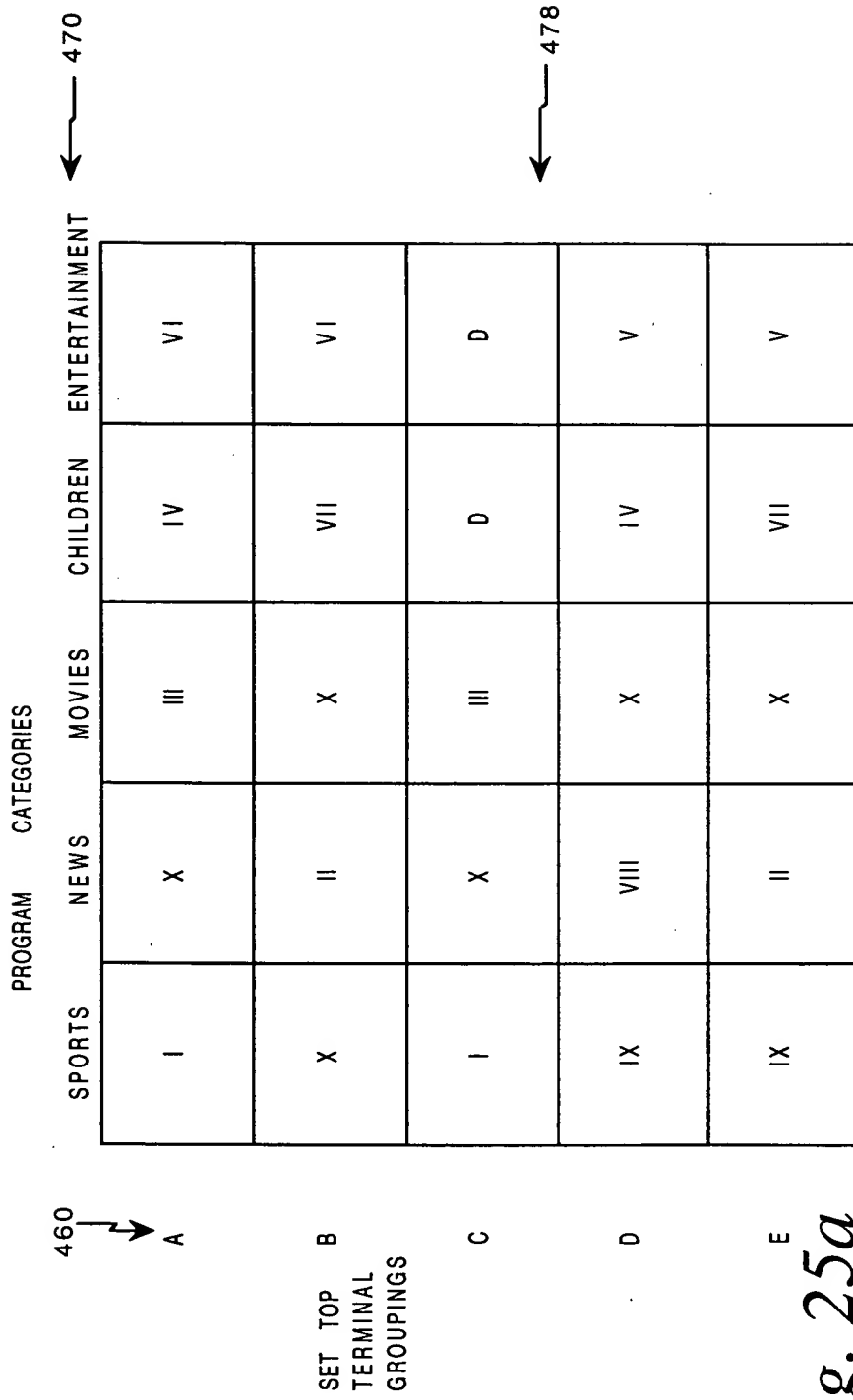


Fig. 25a

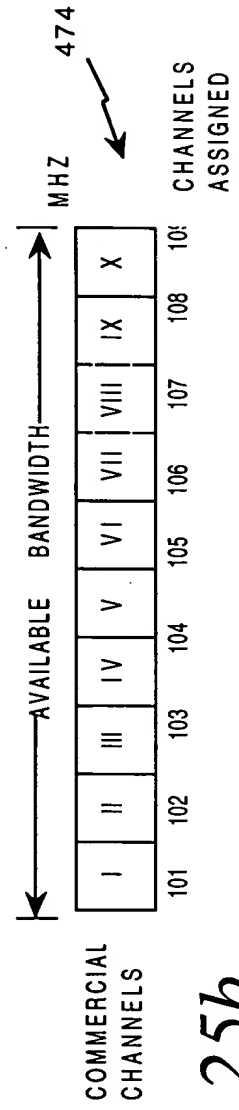


Fig. 25b

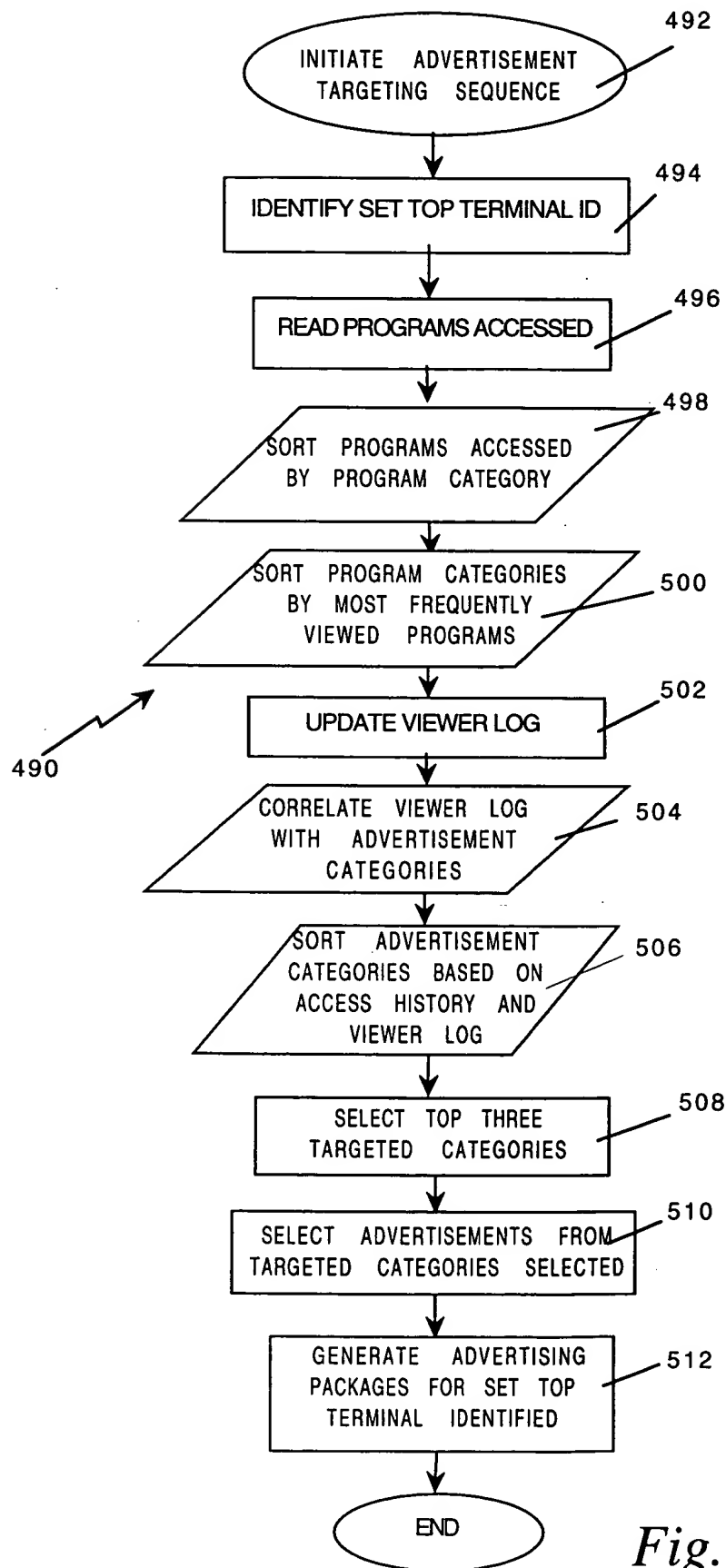


Fig. 26

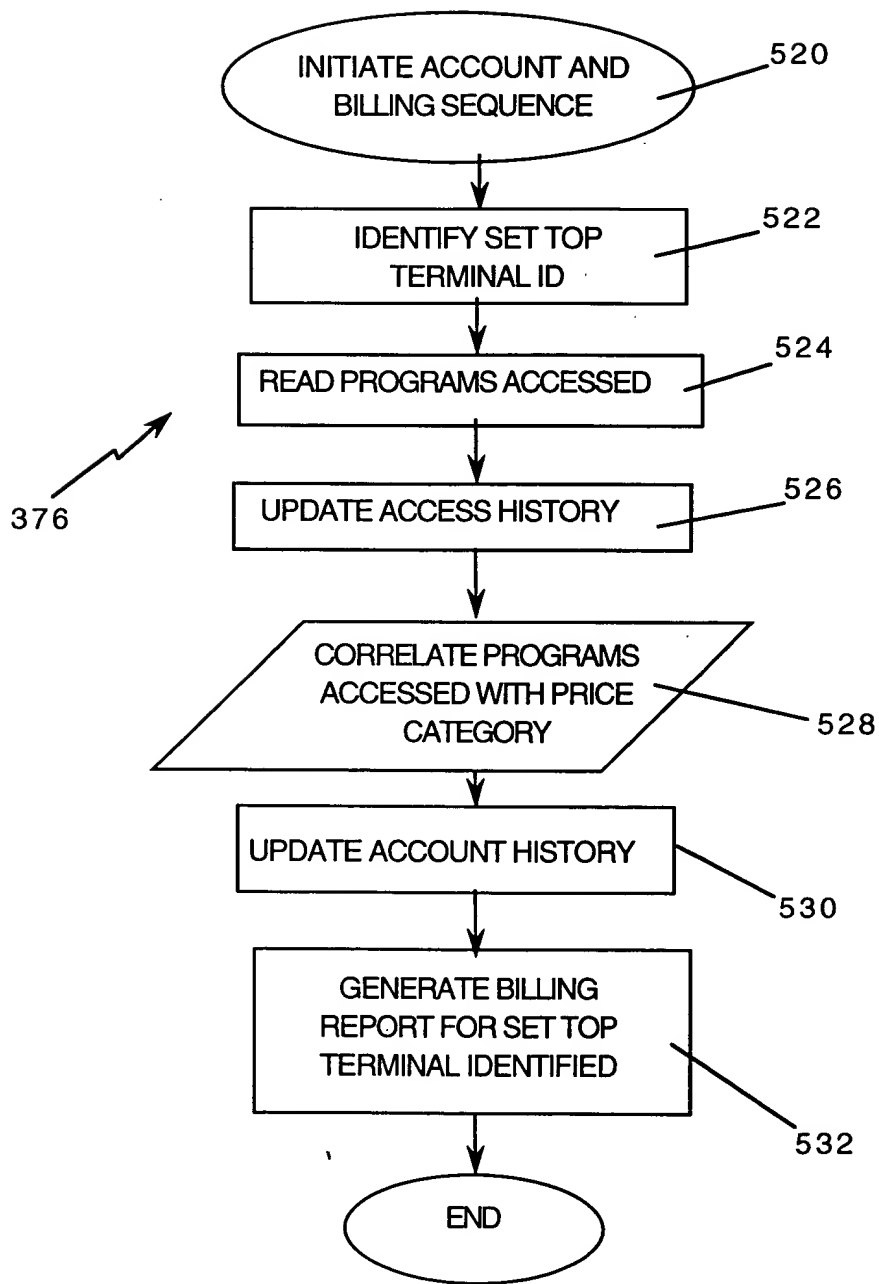


Fig. 27

1740

Central
SBS

1730

Regional
SBS North

Regional
SBS West

Regional
SBS South

Regional
SBS East

1732

Cable
Headend Site
1

Cable
Headend Site
2

Cable
Headend Site
3

Cable
Headend Site
4

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Community
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Fig. 28

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